INSTALLATION/OPERATION

C6806 and C6825 Prewired Cables

C936M-A (6/04)

DESCRIPTION

The C6806 and C6825 are prewired cables used to connect Pelco's CX9024RX Coaxitron® receiver with Pelco's PT680-24P pan/tilt. These cables operate the pan/tilt in a noninverted mode.

MODELS

C6806	Six-foot (1.82 m) cable for use with PT680-24P, PT680-24SL pan/tilts and non-preset receivers (not for inverted operation)
C6825	Same as C6806 except 25-foot (7.62 m) cable length

INSTALLATION

1. Run the cable from the receiver to the pan/tilt. Be careful not to abrade or cut the jacket on the cable.
2. Connect the 37-pin CPC connector to the CX9024RX receiver.
3. Connect the 16-socket CPC connector to the PT680-24P pan/tilt.
4. Use a controller to test the following functions:
   - ✓ Pan Left
   - ✓ Pan Right
   - ✓ Tilt Up
   - ✓ Tilt Down
   - ✓ Zoom Wide
   - ✓ Zoom Tele
   - ✓ Iris Open
   - ✓ Iris Closed
   - ✓ Focus Near
   - ✓ Focus Far

If all the above functions operate correctly, the installation process is complete. If all the above functions do not operate correctly, refer to *Troubleshooting*.

SPECIFICATIONS

MECHANICAL

Connectors

Receiver Side:	CPC, 37 pins
Pan/Tilt Side:	CPC, 16 sockets

ELECTRICAL

Cable:	12 conductors with shield, 20 AWG 6 conductors with shield, 20 AWG RG59/U

GENERAL

Dimensions

C6806:	6 ft (1.82 m) long
C6825:	25 ft (7.62 m) long

Maximum Wire Temperature:	140°F (60°C)

TROUBLESHOOTING

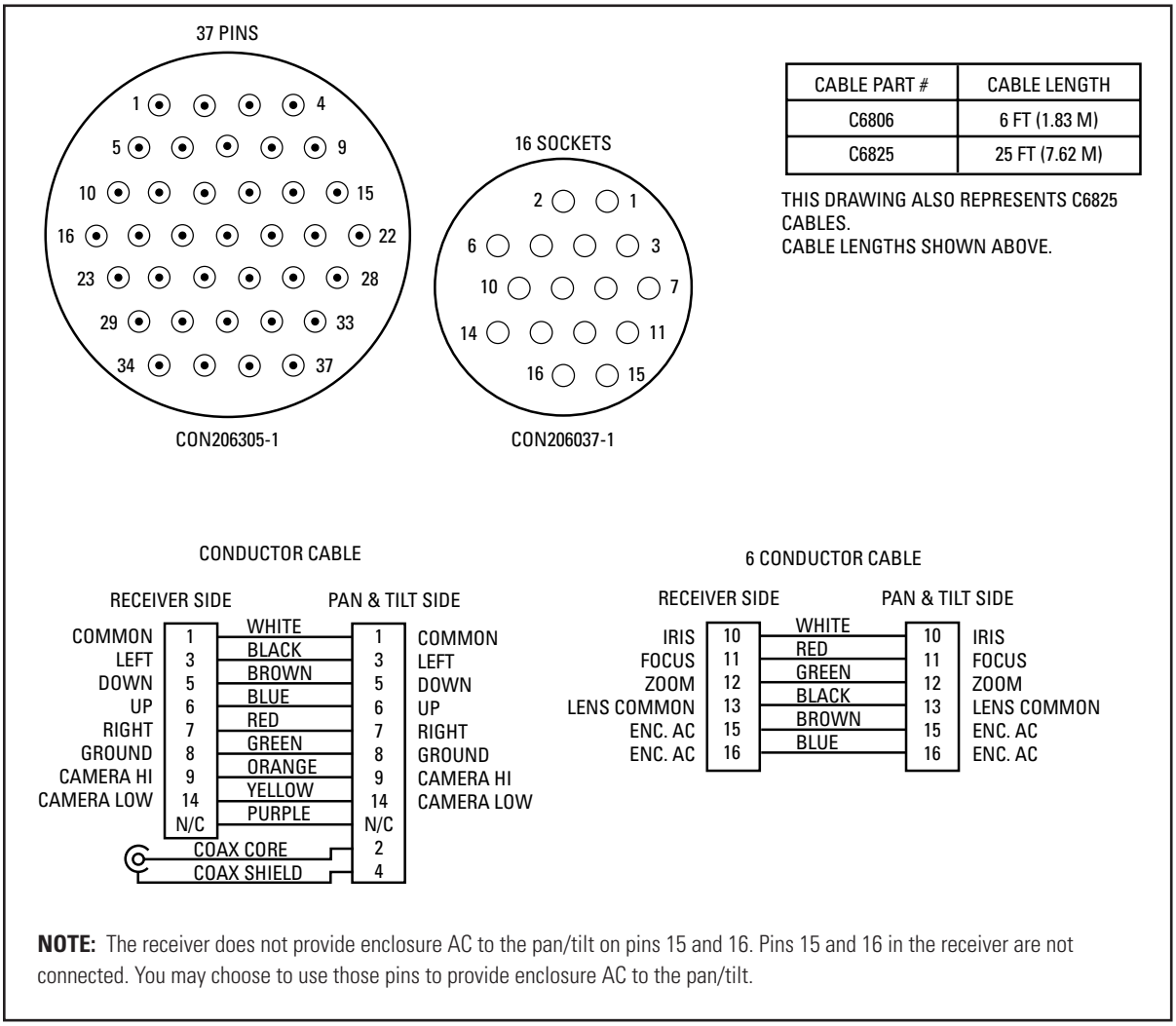
1. If none of the functions operate correctly, check the connection of the connectors to the receiver and pan/tilt.

2. If the connections are loose, tighten the lock ring on the connectors and then retest the pan/tilt functions.

3. If the connections are tight, check the Coaxitron receiver to determine if it is operating correctly. If the Coaxitron receiver is operating correctly, there may be a problem with the cable. Contact Pelco for further technical troubleshooting aid.

NOTE: If you find the unit has the pan and tilt functions operating backwards (for example, "Tilt Up" actually tilts down and "Pan Right" actually pans left), pins 3 and 7 for pan and pins 5 and 6 for tilt have been reversed. The problem can be corrected in the field with a CPC pin/socket extracting tool by exchanging the reversed function. If you do not have the necessary tool, contact Pelco for an RA number to exchange the cable.

The following figure is a wiring diagram of the prewired cable. It may be used to troubleshoot wiring problems.



NOTE: The receiver does not provide enclosure AC to the pan/tilt on pins 15 and 16. Pins 15 and 16 in the receiver are not connected. You may choose to use those pins to provide enclosure AC to the pan/tilt.

WARRANTY AND RETURN INFORMATION

WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship **for a period of one year** after the date of shipment. Exceptions to this warranty are as noted below:

- Five years on the following fixed camera models: CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X.
- Three years on all other fixed camera models (including Camclosure® Integrated Camera Systems) and Genex® Series (multiplexers, server, and keyboard).
- Two years on all standard motorized or fixed focal length lenses.
- Two years on Legacy®, CM6700/CM6800/CM6800E/CM8500/CM9500/CM9700 Series Matrix, DF5 and DF8 Series Fixed Dome products.
- Two years on Spectra®, Esprit®, and PS20 Scanners, including when used in continuous motion applications.
- Two years on Esprit® and WW5700 series window wiper (excluding wiper blades).
- Eighteen months on DX Series digital video recorders and NVR300 network video recorders.
- One year (except video heads) on video cassette recorders (VCRs). Video heads will be covered for a period of six months.
- Six months on all pan and tilts, scanners or preset lenses used in continuous motion applications (that is, preset scan, tour and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to Pelco, Clovis, California. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, Sales Order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

RETURNS

In order to expedite parts returned to the factory for repair or credit, please call the factory at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair).

All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid. Ship to the appropriate address below.

If you are located within the continental U.S., Alaska, Hawaii or Puerto Rico send the goods to:

Service Department
Pelco
3500 Pelco Way
Clovis, CA 93612-5699

If you are located outside the continental U.S., Alaska, Hawaii or Puerto Rico and are instructed to return goods to the USA, you may do one of the folllowing:

If the goods are to be sent by a COURIER SERVICE, send the goods to:

Pelco
3500 Pelco Way
Clovis, CA 93612-5699 USA

If the goods are to be sent by a FREIGHT FORWARDER, send the goods to:

Pelco c/o Expeditors
473 Eccles Avenue
South San Francisco, CA 94080 USA

Phone: 650-737-1700
Fax: 650-737-0933

REVISION HISTORY

Manual #	Date	Comments
C936M	5/91	Original version.
C936M-A	6/04	Updated manual layout.

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